Date: Tue, 6 Jul 93 22:08:09 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #825
To: Info-Hams

Info-Hams Digest   Tue, 6 Jul 93   Volume 93 : Issue 825

Today's Topics:

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 6 Jul 1993 23:29:18 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!gatech!
usenet.ufl.edu!eng.ufl.edu!alpha.ee.ufl.edu!ruck@network.UCSD.EDU
Subject: alpha bravo charlie
To: info-hams@ucsd.edu

I'd like to know the alphabet.

alpha, bravo, charlie, ...

If you are reading this article after 10:00am EDT, Wed 7 July, please
don't worry about replying -- I'll have rcd the info or called the
librarian to look it up.
But if you have the time to reply and read this article before that
time, I'd really appreciate the names.

Thanks for your help!
Best regards,
ruck
--
John R. Ruckstuhl, Jr. ruck@alpha.ee.ufl.edu
Dept. of Electrical Engineering ruck@cis.ufl.edu
University of Florida

Date: 7 Jul 1993 00:26:51 GMT
From: usc!math.ohio-state.edu!uwm.edu!caen!usenet.cis.ufl.edu!eng.ufl.edu!
alpha.ee.ufl.edu!ruck@network.UCSD.EDU
Subject: alpha bravo charlie
To: info-hams@ucsd.edu

In rec.radio.amateur.misc I wrote:
> I'd like to know the alphabet.
> alpha, bravo, charlie, ...

I've rcd a reply already (8:30pm EDT 6 July).

> alpha bravo charlie delta echo foxtrot golf hotel india juliette kilo lima
> mike november oscar papa quebec romeo sierra tango uniform victor whiskey
> x-ray yankee zulu

Thanks for your help. I wanted to name a set of computers.

Best regards,
ruck
--
John R. Ruckstuhl, Jr. ruck@alpha.ee.ufl.edu
Dept. of Electrical Engineering ruck@cis.ufl.edu
University of Florida

Date: Wed, 7 Jul 93 04:23:29 GMT

From: caen!hellgate.utah.edu!fcom.cc.utah.edu!cosmic.physics.utah.edu!
levin@uunet.uu.net
Subject: Antenna Questions For New Ham
To: info-hams@ucsd.edu

Hi,

I have some questions about an antenna that I put together.

First, the construction details....

I built an inverted V antenna. The whole
design is a compromise in both materials and
construction.

I live on the 2nd floor of a wood frame house and I installed
a 20 foot metal mast on my deck which is about 18" high. (total height
at the apex is about 38 feet) this clears the height of the house by
about 5 feet. At the top of the mast I used a PVC T connector as my
insulator. For wire, I used 12 gauge stranded insulated wire. The angle
between the wires is about 100 degrees. Each wire is conencted about 6 feet
above the ground. This antenna runs exactly east to west. The left side
of the V is completely blocked on the south side by my house. There are
also various phone and cable TV wires in the area.

Please do not tell me to pick a better location. This is the best I can do.
My landlord is a nice guy but he does have limits.

The connection to my radio will be made with 300 ohm "TV" wire connected
to an MFJ Versa Tuner 2 and from the tuner to my radio (Kenwood TS-120S).

Now for my questions:

1. About my radio (Kenwoord TS-120s), I got a good deal and a local ham I
   know thinks its a barely acceptable radio. Any comments about my
   purchase (I paid 325 incl shipping for it).

2. Because of the proximity of the phone and cable wires can my
   neighbors expect any RFI problems?

3. How will my height and location affect DX'ing?

4. I am going to be installing a ground rod and I need to know
   the best way to ground this antenna for lightning protection.

5. How will the combination of Conducting mast and insulating deck
   affect antenna performance.

6. From the handbook I think this antenna will work like a standard dipole.
        Should I expect to work areas north and south of my location only or does
        this design give me more omnidirectional coverage?

7. Will the fact that part of the antenna is blocked by the house be
        much of an issue?

Thanks to anyone who can help with these questions. If you have any
other comments or advice it would also be greatly appreciated. I will
be taking my novice+tech test at the end of this month and I am really
looking forward to getting on the air. Thanks again for any help.

Please respond via email and I will summarize for everyone. I miss
lots of messages here due to limited access.

Chris Levin
levin@cosmic.physics.utah.edu

Date: Tue, 6 Jul 1993 18:59:42 CDT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!math.ohio-
state.edu!news.acns.nwu.edu!uicvm.uic.edu!u42157@network.UCSD.EDU
Subject: callbook
To: info-hams@ucsd.edu

How do I get into the callbook at callsigns.cs.buffalo? The
FAQ suggests giving the port number (2000) but it doesn't
seem to work. I've used it before but can't remember what I did
to get in.
Thanx, Jim Slepicka N9AXA
       Univ. of Illinois at Chicago

Date: 7 Jul 1993 00:57:16 GMT
From: usc!howland.reston.ans.net!usenet.ins.cwru.edu!cleveland.Freenet.Edu!
ck146@network.UCSD.EDU
Subject: Closed Autopatches
To: info-hams@ucsd.edu

The reuÛquest[D[D[D[D[D[DÛÛ
Sorry about that, new system. I'll start again.
The request for a copy of your license is reasonable in my mind Conway.
The club is responsible for the use of the repeater. If a casual
frepeater, that's one thing, but accessing the autopatch indicates

some level of approval on the part of the club. If the club
has a problem requiering them to defend themselves to the
FCC, records showing liceseur for those authorized to
use the patch would be very handy indeed. Most clubs I have heard
of do requier
do requier a copy of the license with the applicationj.
As far as charging annual dues for autopatch priviledges, that is a fee to pay for
the patch
to pay for the patch, phone bill, and maintenance on a shared cost basis.
Not a commercial use of ham radio.

Sorry for the messy post.

Bill Kirsanoff, KD6MCI
WAKIRSAN@ANANOV.REMNET.AB.COM

Date: 7 Jul 1993 03:56:24 GMT
From: swrinde!cs.utexas.edu!uwm.edu!csd4.csd.uwm.edu!pachner@network.UCSD.EDU
Subject: CORRECTION: ADVICE WANTED
To: info-hams@ucsd.edu

It's saturday July 10

and sorry about the poor english. (I was watching MASH at the same time)

--
=-=
Thomas Jay Pachner -=- Music Education Major, and Double Bassist
University of Wisconsin - Milwaukee - pachner@csd4.csd.uwm.edu
Gamer, Trekkie, and appreciator of all music (except rap and country)

Date: Wed, 7 Jul 1993 01:27:00 GMT
From: usc!howland.reston.ans.net!darwin.sura.net!martha.utcc.utk.edu!
utkvx.utk.edu!rpadawer@network.UCSD.EDU
Subject: CUSHCRAFT R-7 (USED) WANTED
To: info-hams@ucsd.edu

I'm looking to buy an unwanted Cushcraft R-7 vertical antenna. If
anyone has one they would be willing to part with, please email or
telephone. (Great shape only, thanks....)

73 de WA4FJF

Randy

EMAIL: GwRepRandy@aol.com <---preferred
RPADAWER@UTKVX.UTK.EDU <---okay

Tel. (615) 637-7263

Randy Padawer P.O. Box 1167 Knoxville, TN 37902
Telephone: (615) 637-7263 before 11 pm; leave message if not home.
Internet: RPADAWER@UTKVX.UTK.EDU or GwRepRandy@AOL.COM
Ham Radio Op: WA4FJF. Ham Packet: WA4FJF @ N0ARY.#NOCAL.CA.USA.NA

Date: Tue, 6 Jul 1993 20:37:18 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!
darwin.sura.net!mlb.semi.harris.com!controls.ccd.harris.com!bal@network.UCSD.EDU
Subject: Ham Comm 2.0 circuit
To: info-hams@ucsd.edu

UD116446@NDSUVM1.BITNET wrote:
: A while ago I tried making the Ham Comm circuit. I hooked it up to a shortwave
: radio and couldn't get anything understandable to show up. I guess the program
: is supposed to decode RTTY and CW. Will it do either with a regular AM shortw
: ave reciever? I also don't know what RTTY sounds like, so I can't be sure that
: it didn't work. If anyone has had any luck with this program please tell me w
: hat is wrong. Thanks!

: Brad N0UAG

I picked up HamComm 2.1 from one of the INTERNET ftp sites last month. I
do not know which site since I have been bouncing from a number of sites
recently. Last weekend I built the receive portion as described in the
online help. The circuit worked fine for me. I have used it primarily for
CW decoding and the spectrum mode. You should be able to hook it
up to any audio source and see something while in the spectrum mode. To
get the software to decode CW, you must tune the radio so that
the code is coming in real close to 750hz. If your setup is working,
this is quite easily done using the spectrum mode.

As far decoding from your SW radio, the software is not picky, it likes
a good clean signal at about 750hz. I decode from my HF rig. I also
have a cheap Radio Shack SW radio. Although I have not tried it,

I doubt that it would do very well with this radio. I can hear CW
on the radio, but the quality is very poor. I don't know what your
radio sounds like.

Good Luck,
Bruce

--
Bruce Lifter .....
blifter@ccd.harris.com KD4WLF/AA

Date: Wed, 7 Jul 1993 04:38:12 GMT
From: swrinde!gatech!bloom-beacon.mit.edu!uhog.mit.edu!grapevine.lcs.mit.edu!lynx!
chaos.dac!wy1z@network.UCSD.EDU
Subject: How does an American sign in Canada?
To: info-hams@ucsd.edu

I am planning on visiting Canada from Boston in a matter of weeks, and
since I know Americans have auto-reciprocity with the Canadians (as I
think they do to here), how does an American ham sign in Canada?

For that matter, how about the other way around? I'd assume it would be
the reverse?

I will be visiting Montreal which is VE2 land.

My call is WY1Z, so would it be WY1Z/VE2 or VE2/WY1Z?

Thanks much.

Scott, WY1Z

==========
| Scott Ehrlich Internet: wy1z@world.std.com |
| Amateur Radio: wy1z AX.25: wy1z@wa1phy.ma.usa.na |
| Amateur TCP/IP: wy1z@wa1phy.ampr.org |
==========

Date: 7 Jul 1993 03:53:21 GMT
From: swrinde!cs.utexas.edu!uwm.edu!csd4.csd.uwm.edu!pachner@network.UCSD.EDU
Subject: LAST MINUTE ADVICE
To: info-hams@ucsd.edu

On Saturday, July 11, 1993, I will be taking my novice and technician this
saturday at a local hamfest. Does anyone have any last minute advice?

thanks in advance

--
=-=
Thomas Jay Pachner -=- Music Education Major, and Double Bassist
University of Wisconsin - Milwaukee - pachner@csd4.csd.uwm.edu
Gamer, Trekkie, and appreciator of all music (except rap and country)

Date: Wed, 7 Jul 1993 00:38:24 GMT
From: usc!howland.reston.ans.net!usenet.ins.cwru.edu!nshore!fmsystm!
andrews@network.UCSD.EDU
Subject: mailing lists
To: info-hams@ucsd.edu

Hello all, I am interested in recieving more e-mail from mailing
lists. I am already signed up for qrp!Think.COM. I am looking
for more groups.

If you know of any other groups, please send me e-mail

So long for now...

--
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_·_· ___ ·_ ··· _ ·_·_·_ ___ ·_· __·

_· ___·· ___ ··_· ···

Date: Wed, 07 Jul 1993 03:58:31 GMT
From: sdd.hp.com!nigel.msen.com!spool.mu.edu!howland.reston.ans.net!
usenet.ins.cwru.edu!neoucom.edu!wtm@network.UCSD.EDU
Subject: Need a dual band HT
To: info-hams@ucsd.edu

You might want to consider the Standard C528A. Agressive pricing
from competitors has driven prices down lately. The most recent
AES catalog lists the 528 for $369 for the HT, antenna, charger,
and 700 mAH battery pack.

528s can be had on the used market for quite reasonable prices as gadget freaks seek out newer creeping-featurism laden units. The 528 stores 10 main and 10 limited feature memories per band.

The 12 dB SINAD sensitivity of the 528 is specified around 0.16 uV. That is one of the hotter receiving dual bnad HTs around. The receive on the 528 is pretty wide band so it does suffer somewhat from intermodulation from pagers and other high power services, but does not seem to have spurious pick-up problems. Compared to ICOM and Yaesu units of similar design, the 528 is at least as good in performance.

MARS/CAP users will appreciate the 528 because it can be expanded for use on those band portions by entering a series of programming keystokes. The memory can be cloned from one radio to another via an approximately 30 sec. DTMF string sent over the air. A MARS/CAP expanded unit will transfer the expansion data to the cloned units.

The 528 will work with ICOM/Yaesu/Radioshack speaker-mics, TNC cables, etc.

--
Bill Mayhew NEOUCOM Computer Services Department
Rootstown, OH 44272-9995 USA phone: 216-325-2511
wtm@uhura.neoucom.edu amateur radio 146.58: N8WED/AA

Date: Wed, 7 Jul 1993 01:54:00 GMT
From: usc!howland.reston.ans.net!sol.ctr.columbia.edu!news.kei.com!ub!acsu.buffalo.edu!ubvms.cc.buffalo.edu!v111qheg@network.UCSD.EDU
Subject: new Radio Shack HT
To: info-hams@ucsd.edu

Hi all. Radio Shack just releaded a 440 hand held. The HTX-404. It looks exactly like to -202, Havn;t had time to play with it, even though I work at a Radio Shack (mgr dont like ppl playing with stuff :-(...)

I dont reccomend or endorse this product. I do not speak for my employer. I'm not doing this to increase sales at my store. So dont start flaming the messanger.

If you do buy it let me know how it works for you and you opinion to it.

73,

Peter Vasilion, KB2NMV
Vice President, Western NY DX Assoc.
President, Univ. @ Buffalo ARC.

Date: 6 Jul 1993 20:46:47 GMT
From: agate!howland.reston.ans.net!darwin.sura.net!news-feed-2.peachnet.edu!
umn.edu!lynx.unm.edu!SantaFe!sfi!rmf@ames.arpa
Subject: question: phased array input for NEC
To: info-hams@ucsd.edu

Has anyone out there played with NEC antenna modelling code to model phased arrays? I want to model a 3 element phased delta loop array relatively close to the ground with NEC. This means that I need to feed the array with signals 90 degrees out of phase with a binomial 1:2:1 ratio. I need example input files to help me specify the problem to NEC. Does anyone out there have any input files which would show me how to specify the phased signal input to each antenna. Does anyone have input files they think are helpful which I could look at?

Since I'm occupying bandwidth ... Has anyone modeled short helically wound antennas like a shortened yagi. Again do you have an input file I could look at?

Please send Email to rmf@santafe.edu.

Thank you,
Rob Farber

Date: Tue, 6 Jul 1993 23:24:48 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!
darwin.sura.net!news-feed-2.peachnet.edu!concert!uvaarpa!murdoch!
fermi.clas.Virginia.EDU!jvb7u@network.UCSD.EDU
Subject: Recharging ALKALINE batteries
To: info-hams@ucsd.edu

I used to be a Product Reliability Engineer for Ray-O-Vac. I strongly advise against attempting to recharge an alkaline battery unless it is designed to be recharged. Alkaline batteries can explode if reverse current is forced through them, as it is in recharging. In fact, placing a partially discharged alkaline battery in series with other fresh batteries can force a reverse current through the battery, causing it to explode.

Since, unlike zinc-carbon (ordinary) batteries, alkaline batteries have
a steel can, the explosion can be lethal. All alkaline batteries are
designed with a safety vent in the cap, but I wouldn't trust my life
or limbs to that little piece of plastic! If pressure build fast enough,
the can can still explode.

In addition, the contents of an alkaline battery are carefully designed
so that no more material is placed inside than necessary to give the
advertised life under the rated load. You can recover the electrolyte
by recharging, but the other components (MnO2, separator integrity,
etc.) cannot be recovered by recharging an ordinary alkaline battery.

My advice: Buy Nickel-Cadmium. The "Millenium" batteries from Gates
(I think) are guaranteed for life.

Jon

Date: Tue, 6 Jul 1993 20:06:24 GMT
From: sdd.hp.com!col.hp.com!news.dtc.hp.com!hpscit.sc.hp.com!cupnews0.cup.hp.com!
jholly@network.UCSD.EDU
Subject: resonant antenna and vswr
To: info-hams@ucsd.edu

Alan Bloom (alanb@sr.hp.com) wrote:
: Jim Hollenback (jholly@cup.hp.com) wrote:
: : John Derry (derry@NeXTwork.Rose-Hulman.Edu) wrote:
: : : The other day I heard a ham on a wide area repeater explaining to another
: : : (new) ham that the way to achieve a low vswr is by making sure that the
: : : antenna is resonant.

: : : No wonder new hams seem to not know much when us older, more experienced,
: : : wiser amateurs keep trying to pull the wool over their eyes.

: : Am I missing something here? Let's see, a resonant inverted vee has an
impedance
: : of around 50 ohms, my transmitter is set up for 50 ohm output, I use 50 ohm
: : cable. Seems to me if I make the inverted vee resonant, my vswr would be
: : pretty low...

: Resonance does not guarantee low SWR and low SWR does not imply resonance.
: You could take a perfect, resonant dipole antenna, and if you feed it
: with 300-ohm twin lead, you will have high SWR. Even if use 50 ohm coax,
: you will get high SWR if you feed the antenna at the end.

: Conversely, a non-resonant antenna can have a low SWR if you match it
: correctly.

: The correspondence between resonance and low SWR only applies if you are
: talking about certain antenna systems -- for example, a center-fed,
: half-wave dipole fed with 50 or 75 ohm coax.

: AL N1AL
True, but these details were not given and alot was left to the imagination.
I think the case I stated would work. Your case with the resonant dipole fed
with 300-ohm twin lead the SWR is a function of the electrical wavelength
of the twin lead. At half-wave points you will have low vswr. The non-resonant
antenna that is matched at the antenna is a common shipboard antenna. It
is fed with 50 ohm cable and the match is made for a low vswr on the cable.
My point is that without stating the full context of the conversation, one
can not completely judge the advice as being wrong. In some cases the advice
could be wrong and in some cases the advice is the correct advice.

Actually vswr is but one measurement to be made. Maybe by starting with what
type of antenna we are talking about, the site conditions of its installation,
what is the measured impedance of the antenna, the feedline length and the
whole bit can we really determine if this ham was lead astray.

Jim, WA6SDM
jholly@cup.hp.com

Date: 6 Jul 93 20:36:08 GMT
From: gatech!howland.reston.ans.net!spool.mu.edu!uwm.edu!ogicse!psgrain!agora!
percy!ornews.intel.com!fnugget!rvenka@RUTGERS.EDU
Subject: Want to help a friend (QSO with Bosnia).
To: info-hams@ucsd.edu

I am trying to help a Bosnian friend at work. His family is still in Bosnia,
and would like to help him communicate with folks back in Bosnia. Are there
any active hams in Bosina (at least in the region) ? Any help will be
appreciated.

73's
Radha Venkataraman
KB7IHO

Date: 7 Jul 1993 01:43:58 GMT
From: usc!howland.reston.ans.net!darwin.sura.net!ra!cs.umd.edu!afterlife!
blackbird.afit.af.mil!iris.mbvlab.wpafb.af.mil!edfue0!engberg@network.UCSD.EDU
Subject: WEFAX S/W Wanted
To: info-hams@ucsd.edu

Does anyone have or know the location for any software for a PC that will
read data from a KPC II connected to an HF rig receiving WX Faxes (maps).

Pse send responses to engberg@edfvb7.ctis.af.mil

Thanks for your suggestions.
73,
   Bob K0MVL/KL7

Date: Tue, 6 Jul 1993 23:43:43 GMT
From: usc!howland.reston.ans.net!wupost!csus.edu!netcom.com!netcomsv!bongo!
julian@network.UCSD.EDU
To: info-hams@ucsd.edu

References <1993Jul5.132848.17392@gagme.chi.il.us>,
<1993Jul5.200048.15641@bongo.tele.com>, <1993Jul6.185605.3084@btree.uucp>
Subject : Re: Recharging ALKALINE batteries

In article <1993Jul6.185605.3084@btree.uucp> hale@btree.uucp (Bob Hale) writes:
>In article <1993Jul5.200048.15641@bongo.tele.com> julian@bongo.tele.com (Julian
Macassey) writes:
>
>[about the "Buddy-L" alkaline recharger/exploder deleted]
>
>> Also, how come no-one has built a "made for recharging"
>>alkaline?
>>
>
>Ray-O-Vac has started to advertise a rechargeable alkaline cell.
>It is supposed to be good for up to 25 rechargings, and it is
>supposed to have 4 times the energy storage of an equivalent
>NiCd cell. This latter claim is easy to believe; the former claim
>remains to be verified by real-world experience.
>
>Apparently Ray-O-Vac was spurred into action by another battery
>company (name unknown to me) which already has such a product
>ready for the market.
>

    If this is so, and the cost is only about 50% above the
current bloated cost of alkalines, they have a winner. I assume the
self discharge rate would be the same as a standard alky. In which
case it would be ideal for all those low current constant drain jobs
like receivers, flashlights etc.

Where are the Ray-O-Vac ads?

--
Julian Macassey, N6ARE julian@bongo.tele.com Voice: (213) 653-4495
Paper Mail: 742 1/2 North Hayworth Avenue, Hollywood, California 90046-7142

Date: Wed, 7 Jul 1993 00:39:05 GMT
From: das.wang.com!wang!dbushong@uunet.uu.net
To: info-hams@ucsd.edu

References <1993Jul2.215933.11875@pixar.com>,
<93184.162952UD116446@NDSUVM1.BITNET>, <1993Jul5.173642.6414@pixar.com>ng
Subject : Re: Alinco will modify DJ-580 to reduce intermod, and I'm a new DR-600

bruce@pixar.com (Bruce Perens) writes:

>[...] It's worth doing, it feels like a different radio afterwards,
>but don't attempt it unless you have a soldering tip that's
>appropriate for surface-mount work, a fine-tip solder-sucker, sharp
 ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^(1)   ^^^^^^^^^^^^^^^^^^^(2) ^^^^^^
>eyes, steady hands, and a bright desk lamp.
 ^(3) ^^^^^^^^^(4)   ^^^^^^^^^^^^^(5)

>By the way, I have to reiterate that standing behind your equipment is
>great advertising. I was so impressed that they would modify my DJ-580 that
>I bought a DR-600. As long as they provide good service, I'll keep buying
>their equipment.

(1) Got that.
(2) Got that.
(3) Bummer.
(4) Bummer. Bigtime.
(5) Got that.

What was that address again?

////// just kidding //////

I have a 580, and it's good enough for me.

Not many things are.

73,
Dave
--

Dave Bushong, Wang Laboratories, Inc. Amateur Radio Callsign KZ1O
Project Leader, Recognition products kz1o@n0ary.#noca.ca.na
Internet: dbushong@wang.com

End of Info-Hams Digest V93 #825
****